JVC

SERVICE MANUAL

GR-C2EG/EK OPTIONS

AC POWER ADAPTER

MODEL **AA-V2EG/EK**

CARRYING CASE

MODEL **CB-V2U**

SHOULDER FRAME

MODEL **KA-V22U**

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October 1985

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AA-V2EG/EK

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CB-V2U

EXPLODED VIEWS AND PARTS LIST

KA-V22U

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Important Safety Precautions

Prior to shipment from the factory, JVC products are strictly inspected to conform with the recognized product safety and electrical codes of the countries in which they are to be sold. However, in order to maintain such compliance, it is equally important to implement the following precautions when a set is being serviced.

● Precautions during Servicing

1. Locations requiring special caution are denoted by labels and inscriptions on the cabinet, chassis and certain parts of the product. When performing service, be sure to read and comply with these and other cautionary notices appearing in the operation and service manuals.

2. Parts identified by the ⚠ symbol and shaded (▒) parts are critical for safety.
   Replace only with specified part numbers.
   Note: Parts in this category also include those specified to comply with X-ray emission standards for products using cathode ray tubes and those specified for compliance with various regulations regarding spurious radiation emission.

3. Use specified internal wiring. Note especially:
   1) Wires covered with PVC tubing
   2) Double insulated wires
   3) High voltage leads

4. Use specified insulating materials for hazardous live parts. Note especially:
   1) Insulation Tape
   2) PVC tubing
   3) Spacers
   4) Insulation sheets for transistors

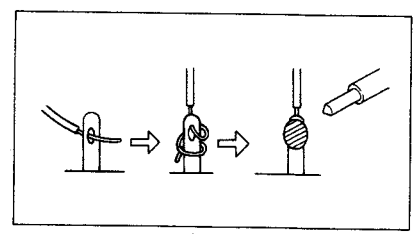


Fig. 1

5. When replacing AC primary side components (transformers, power cords, noise blocking capacitors, etc.) wrap ends of wires securely about the terminals before soldering.

6. Observe that wires do not contact heat producing parts (heatsinks, oxide metal film resistors, fusible resistors, etc.)

7. Check that replaced wires do not contact sharp edged or pointed parts.

8. When a power cord has been replaced, check that 10–15 kg of force in any direction will not loosen it.

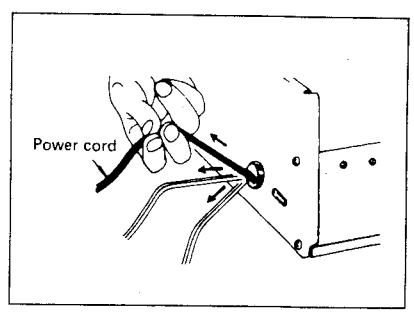


Fig. 2

9. Also check areas surrounding repaired locations.

10. Products using cathode ray tubes (CRTs)
    In regard to such products, the cathode ray tubes themselves, the high voltage circuits, and related circuits are specified for compliance with recognized codes pertaining to X-ray emission. Consequently, when servicing these products, replace the cathode ray tubes and other parts with only the parts specified. Under no circumstances attempt to modify these circuits. Unauthorized modification can increase the high voltage value and cause X-ray emission from the cathode ray tube.

11. Crimp type wire connector

In such cases as when replacing the power transformer in sets where the connections between the power cord and power transformer primary lead wires are performed using crimp type connectors, if replacing the connectors is unavoidable, in order to prevent safety hazards, perform carefully and precisely according to the following steps.

1. Connector part number : E03830-001
2. Required tool : Connector crimping tool of the proper type which will not damage insulated parts.
3. Replacement procedure
   1) Remove the old connector by cutting the wires at a point close to the connector. Important : Do not reuse a connector (discard it).
   2) Strip about 15 mm of the insulation from the ends of the wires. If the wires are stranded, twist the strands to avoid frayed conductors.
   3) Align the lengths of the wires to be connected. Insert the wires fully into the connector.
   4) As shown in Fig. 6, use the crimping tool to crimp the metal sleeve at the center position. Be sure to crimp fully to the complete closure of the tool.
   5) Check the four points noted in Fig. 7.

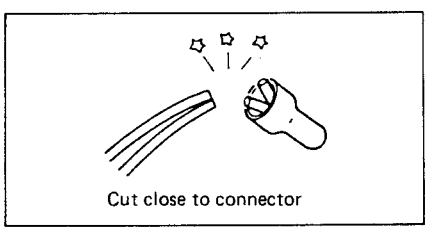


Fig. 3

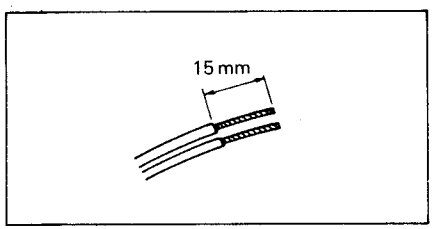


Fig. 4

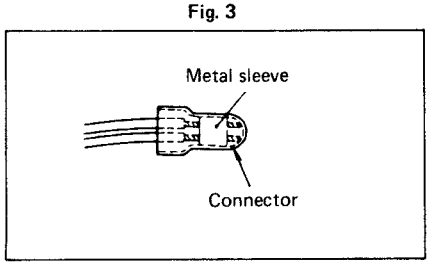


Fig. 5

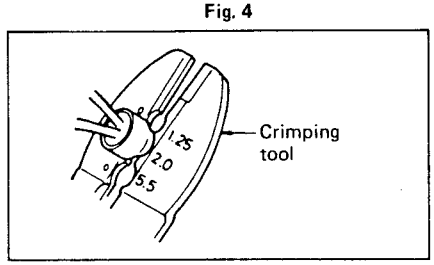


Fig. 6

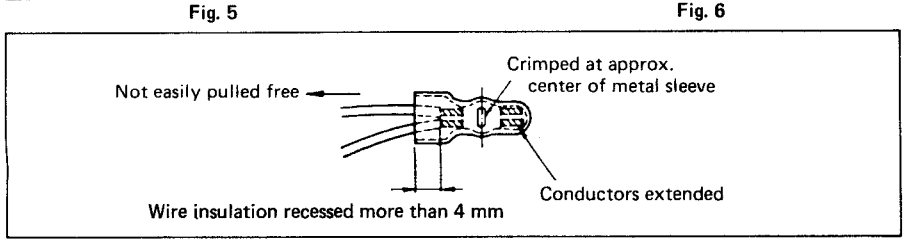

Not easily pulled free
Crimped at approx. center of metal sleeve
Conductors extended
Wire insulation recessed more than 4 mm

Fig. 7

● Safety Check after Servicing

Examine the area surrounding the repaired location for damage or deterioration. Observe that screws, parts and wires have been returned to original positions. Afterwards, perform the following tests and confirm the specified values in order to verify compliance with safety standards.

1. **Insulation resistance test**
   Confirm the specified insulation resistance or greater between power cord plug prongs and externally exposed parts of the set (RF terminals, antenna terminals, video and audio input and output terminals, microphone jacks, earphone jacks, etc.). See table below.

2. **Dielectric strength test**
   Confirm specified dielectric strength or greater between power cord plug prongs and exposed accessible parts of the set (RF terminals, antenna terminals, video and audio input and output terminals, microphone jacks, earphone jacks, etc.) See table below.

3. **Clearance distance**
   When replacing primary circuit components, confirm specified clearance distance (d),(d') between soldered terminals, and between terminals and surrounding metallic parts. See table below.

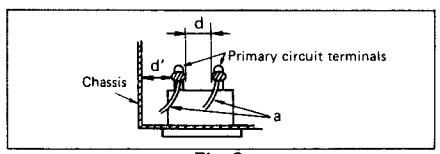


Fig. 8

Table 1: Ratings for selected areas

AC Line Voltage	Region	Insulation Resistance	Dielectric Strength	Clearance Distance(d),(d')
100 V	Japan	≧ 1 MΩ/500 V DC	1 kV 1 minute	≧ 3 mm
110 to 130 V	USA & Canada	– – –	900 V 1 minute	≧ 3.2 mm
* 110 to 130 V 200 to 240 V	Europe Australia	≧ 10 MΩ/500 V DC	4 kV 1 minute	≧ 6 mm (d) ≧ 8 mm (d') (a: Power cord)

* Class Π model only.

Note. This table is unofficial and for reference only. Be sure to confirm the precise values for your particular country and locality.

4. **Leakage current test**
   Confirm specified or lower leakage current between B(earth ground, power cord plug prongs) and externally exposed accessible parts (RF terminals, antenna terminals, video and audio input and output terminals, microphone jacks, earphone jacks, etc.).

   Measuring Method: (Power ON)
   Insert load Z between B(earth ground,power cord plug prongs) and exposed accessible parts. Use an AC voltmeter to measure across both terminals of load Z. See figure and following table.

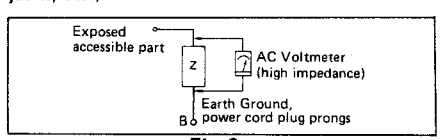


Fig. 9

Table 2: Leakage current ratings for selected areas

AC Line Voltage	Region	Load Z	Leakage Current (i)	Earth Ground (B) to:
100 V	Japan	1 kΩ	i ≦ 1m A rms	Exposed accessible parts
110 to 130 V	USA & Canada	0.15 μF, 1.5 kΩ	i ≦ 0.5m A rms	Exposed accessible parts
110 to 130 V 200 to 240 V	Europe Australia	2 kΩ	i ≦ 0.7 m A peak i ≦ 2 m A dc	Antenna earth terminals
		50 kΩ	i ≦ 0.7 m A peak i ≦ 2 m A dc	Other terminals

Note. This table is unofficial and for reference only. Be sure to confirm the precise values for your particular country and locality.

JVC

SERVICE MANUAL

AC POWER ADAPTER

AA-V2EG/EK

SPECIFICATIONS

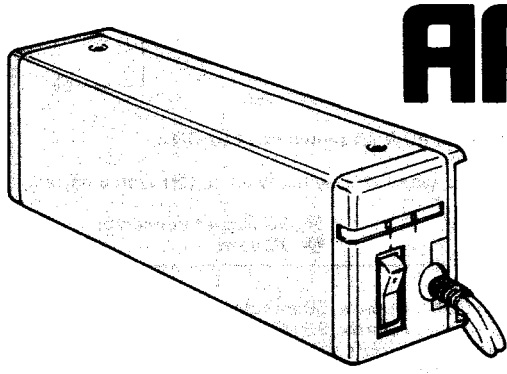
Power requirement	:	AC 110 – 240 V~, 50/60 Hz
Power consumption	:	30 watts
Rated output voltage	:	DC 9.6 V⎓
Rated output current	:	1.2 A
Charging system	:	Constant current, peak detection, timer controlled.
Dimensions	:	57(W) x 67(H) x 200(D) mm
Weight	:	Approx. 700 g

No. 8424(1/3)
October 1985

INSTRUCTIONS

MANUEL D'INSTRUCTIONS/BEDIENUNGSANLEITUNG

JVC



AA-V2

AC POWER ADAPTER

ADAPTATEUR SECTEUR
NETZADAPTER

Specifically for the AA-V2EG
Spécial pour le AA-V2EG
Bedienungsanleitung für das Modell AA-V2EG

PU30425-794

Thank you for purchasing the JVC **AA-V2EG** AC Power Adapter. This unit provides DC power for the JVC **GR-C1EG/GR-C2EG** VideoMovie from a household AC outlet. It can also be used to recharge the NB-P5U, NB-P6U or NB-P7U Battery Pack for exclusive use with the JVC VideoMovie. To avoid problems and obtain the best results, please read this instruction booklet carefully before use.

CAUTION
To prevent electric shock, do not open the cabinet. No user serviceable parts inside. Refer servicing to qualified service personnel.

CAUTION: When you are not using this unit for a long period of time, it is recommended that you disconnect the power cord from AC outlet.

IMPORTANT (in the United Kingdom)

IMPORTANT

Do not make any connection to the Larger Terminal coded E or Green. The wires in the mains lead are coloured in accordance with the following code:

Blue to N (Neutral) or Black
Brown to L (Live) or Red

If these colours do not correspond with the terminal identifications of your plug, connect as follows:
Blue wire to terminal coded N (Neutral) or coloured Black.
Brown wire to terminal coded L (Live) or coloured Red.
If in doubt – consult a competent electrician.

WARNING:
TO PREVENT FIRE OR SHOCK HAZARD, DO NOT EXPOSE THIS UNIT TO RAIN OR MOISTURE.

This unit should be used with AC 110 – 240 V∿, 50/60 Hz only.
CAUTION:
To prevent electric shocks and fire hazards, do NOT use any other power source.

NOTE:
The rating plate (serial number plate) is on the side of the unit.

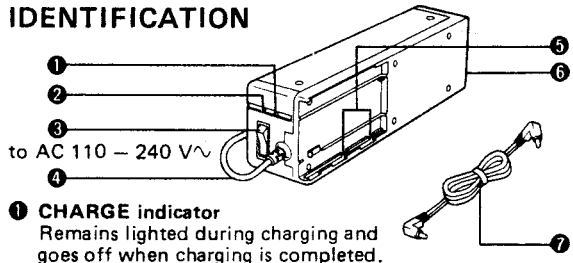
WARNING–DANGEROUS VOLTAGE INSIDE

PRECAUTIONS

- As an AC power adapter, the **AA-V2EG** is used exclusively with the JVC **GR-C1EG/GR-C2EG** VideoMovie.
- If used near a radio, this unit may interfere with reception.
- Prevent inflammables, water and metallic objects from entering the unit.
- Do not disassemble or modify the unit.
- Do not apply shocks to the unit.
- Do not subject the unit to direct sunlight.
- Avoid using the unit in extremely hot or humid places.
- Avoid using the unit in places subject to vibrations.

If malfunctioning occurs, stop using the unit immediately, unplug the power cord and consult your local JVC dealer.

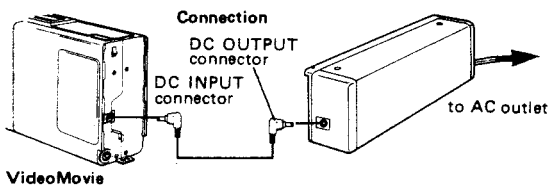
IDENTIFICATION



❶ **CHARGE indicator**
Remains lighted during charging and goes off when charging is completed.
❷ **POWER indicator**
Lights when the POWER switch is set to ON.
❸ **POWER switch**
Charging starts when this switch is set to ON with a battery pack in place.
❹ **AC power cord**
❺ **Terminals**
❻ **DC output connector**
❼ **DC cord**

Charging time
NB-P5U/NB-P6U: Approx. 60 minutes
NB-P7U: Approx. 90 minutes
- The charging time differs depending on the ambient temperature and condition of the battery pack.

PROVIDING POWER FOR THE GR-C1EG/GR-C2EG VIDEOMOVIE



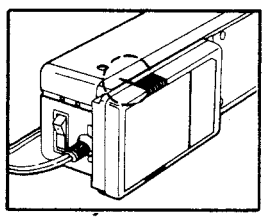
1 Connect the **GR-C1EG/GR-C2EG** to the **AA-V2EG** using the provided DC cord.
2 Set the **AA-V2EG's** POWER switch to ON.
3 Press the POWER button of the **GR-C1EG/GR-C2EG** to the ON position.

Note:
Power will not be supplied to VideoMovie if a battery pack is installed in the **AA-V2EG**. Be sure to remove the battery pack before using the **AA-V2EG** as an AC adapter.

CHARGING THE BATTERY PACK

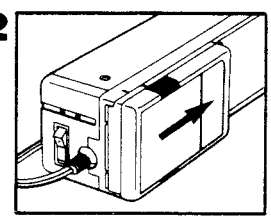
CAUTION: When sliding the battery pack on and off the charger, make sure that the charger's POWER switch is set to OFF.

1



Align the marks.

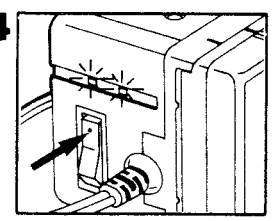
2



Slide the battery pack in the direction of the arrow until it locks in place.

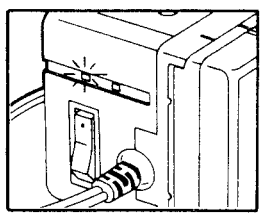
3 Connect the AC power cord to a wall outlet.

4



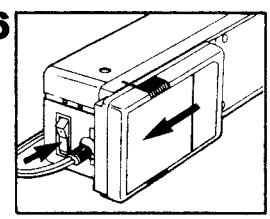
Set the POWER switch to ON. The POWER indicator will light first, then the CHARGE indicator will light in a few seconds.

5



When charging is completed, the CHARGE indicator goes off.
- Faint oscillations may be heard at the start of charging. This is not due to any defect of the unit.

6

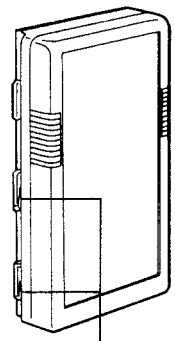


Set the POWER switch to OFF and remove the battery pack by sliding it off.
- The battery pack becomes warm immediately after being charged. This is not due to any defect of the unit.

CAUTION
- If the battery is loaded after a long discharge period, a few minutes may pass before the CHARGE INDICATOR lights.

A WORD ON THE EXCLUSIVE NB-P5U/NB-P6U/NB-P7U BATTERY PACKS

The NB-P5U/NB-P6U/NB-P7U are nickel-cadmium batteries. Give attention to the following to make the most of their characteristics.



Terminals
Do not short-circuit

Temperature ranges:
The recharging time is based on room temperature of 20°C (68°F).
The lower the temperature, the longer the recharging time.

For charging:
10°C to 35°C (50°F – 95°F)
For operating:
-10°C to 40°C (14°F – 104°F)
For storing:
-10°C to 30°C (14°F – 86°F)

THE BATTERY IS KEPT UNCHARGED FOR SHIPMENT. CHARGE IT BEFORE USE.

- To avoid hazard:
  1. Do not burn.
  2. Do not short circuit the terminals.
  3. Do not modify or disassemble.
  4. Use only specified chargers.
- To prevent damage and prolong service life:
  1. Avoid dropping, unnecessary shocks.
  2. Avoid repeated charging without discharging.
- This unit has a limited service life:
  Near the end of its service life, when it begins to deliver less recording time per charge, purchase a replacement.
- It is normal for the unit to be warm after charging or use.
- This is a chemical reaction type battery; its properties are best maintained under the following conditions:
  1. Optimum charging takes place at temperature between 10°C (50°F) and 35°C (95°F). Cooler temperatures impede chemical reaction. Warmer temperatures can prevent complete charging.
  2. Store in a cool dry place. Extended exposure to high temperatures will increase natural discharge and shorten service life.
  3. Total natural discharge may occur during long storage periods (uncharged storage is preferable; recharge one day before use.)
  4. Remove from charger or powered unit when not in use; some machines use current even when switched off.

AA-V2EG SPECIFICATIONS

Power requirement	:	AC 110 – 240 V∿, 50/60 Hz
Power consumption	:	30 watts
Rated output voltage	:	DC 9.6 V⎓
Rated output current	:	1.2 A
Charging system	:	Constant current, peak detection, timer controlled.
Dimensions	:	57(W) x 67(H) x 200(D) mm
Weight	:	Approx. 700 g

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VICTOR COMPANY OF JAPAN, LIMITED

EG Printed in Japan
PU30425-794

SECTION 1
DISASSEMBLY

1.1 EXTERNAL COVER AND CIRCUIT BOARD REMOVAL

1. Remove four screws (1), grasp the front panel and take off the top panel. (Fig. 1-1)

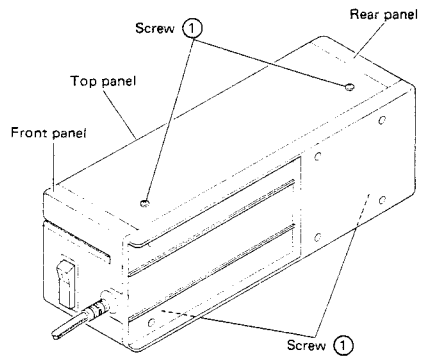


Fig. 1-1

2. Grasp the heet sink off the rear panel and front panel toward upper side. Remove two screws (2) and one screw (3), take off the power switch and LED board ass'y. (Fig. 1-2)

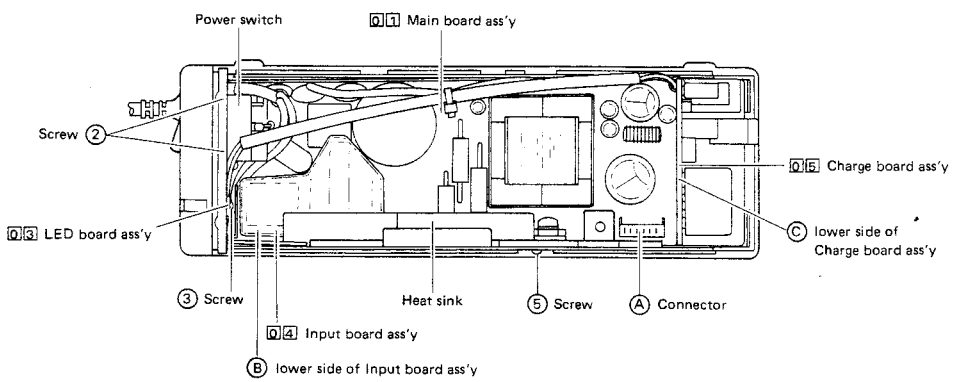


Fig. 1-2

3. Remove one screw (4) from the main board ass'y. (Fig. 1-2)
   Take out one screw (5) from the heat sink in Fig. 1-2. Remove the heat sink toward upper side and disconnect connectors (A). Thus take off the main board ass'y.
4. Unsoldered the (B) and (C) positions, and take off the input board ass'y and charge board ass'y respectively. (Fig. 1-2)
5. Remove six screws (6) from the Battery holder ass'y in Fig. 1-3. Remove the shield Plate ass'y, insulator plate (A) and insulator palte (B).
   Then take off the sub board ass'y.

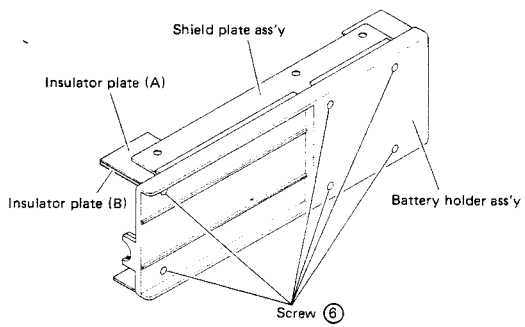


Fig. 1-3

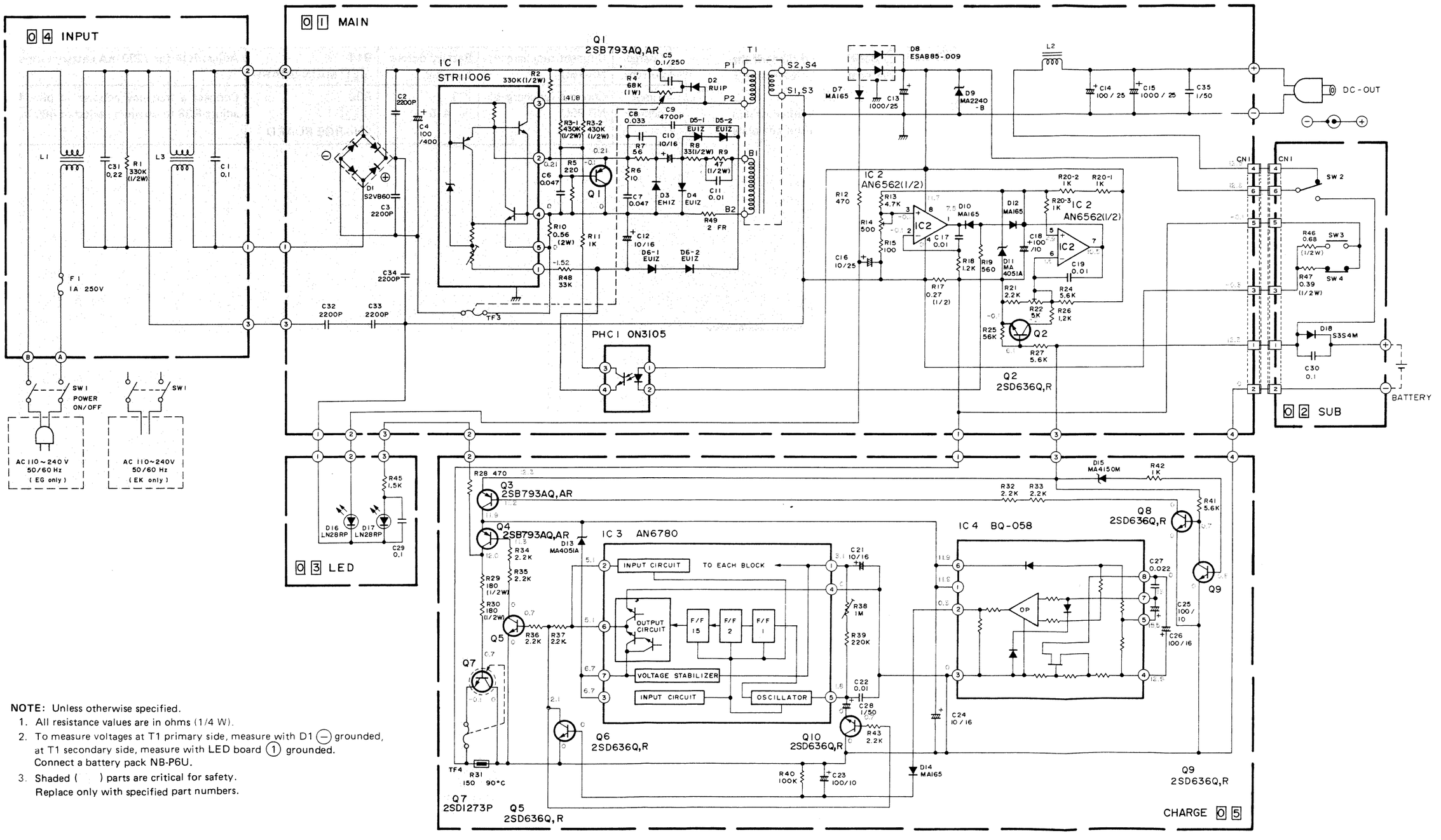
SECTION 2
ELECTRICAL ADJUSTMENTS

Item No.	Conditions	Check point	Adjust	Description
Adapter output voltage	Connect (uncharged) NB-P6U	Adapter output terminal	R22 Q1 MAIN BOARD	Adjust R22 to obtain 0.4 + 0.5 V output voltage.
Charge current	Connect (uncharged) NB-P6U	Battery output terminal	R14 Q1 MAIN BOARD	Adjust R14 for 1200 mA battery output.
Timer period	Connect (uncharged) NB-P6U	IC3 Pin 4, 5	R38 Q5 CHARGE BOARD	Connect a freqency counter to pins 4 and 5 adjust R38 to obtain a period of 460 m sec.

AA-1

SECTION 3
SCHEMATIC AND CIRCUIT BOARD DIAGRAM

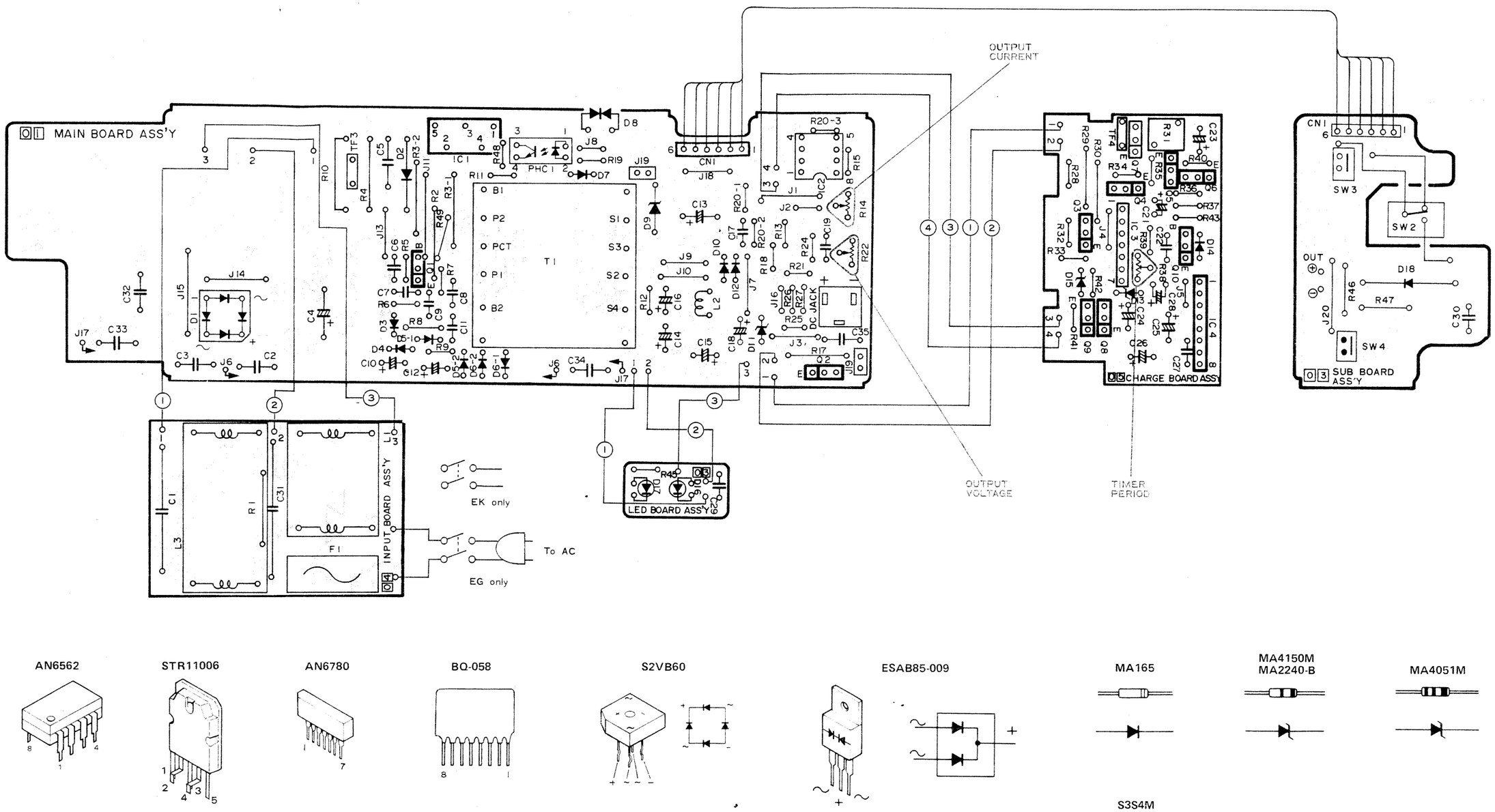
3.1 SCHEMATIC DIAGRAM



NOTE: Unless otherwise specified.

1. All resistance values are in ohms (1/4 W).
2. To measure voltages at T1 primary side, measure with D1 (—) grounded, at T1 secondary side, measure with LED board (1) grounded. Connect a battery pack NB-P6U.
3. Shaded ( ) parts are critical for safety. Replace only with specified part numbers.

3.2 CIRCUIT BOARDS



AN6562

STR11006

AN6780

BQ-058

S2VB60

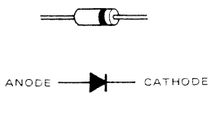
ESAB85-009

MA165

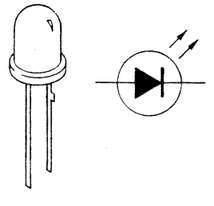
MA4150M
MA2240-B

MA4051M

S3S4M
RU1P
EH1Z
EU1Z



LN28RP



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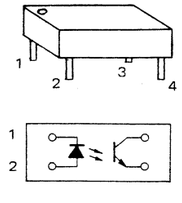
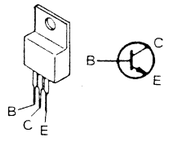
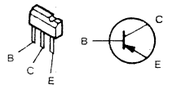


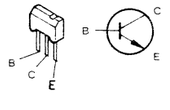
2SD1273P



2SB793AQ,AR



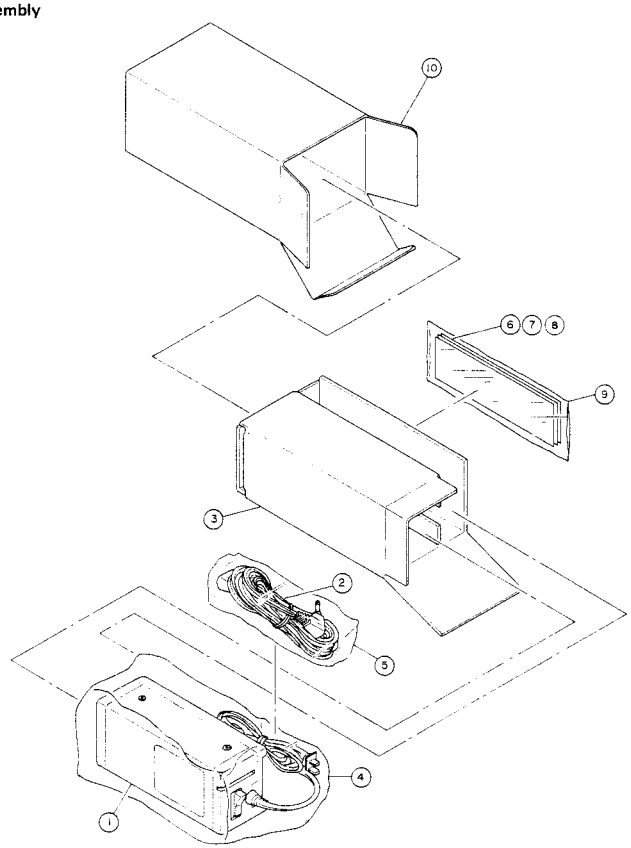
2SD636Q,R



A	B	C	AA-3	AA-3	E	F	G	H

SECTION 4
EXPLODED VIEWS AND PARTS LIST

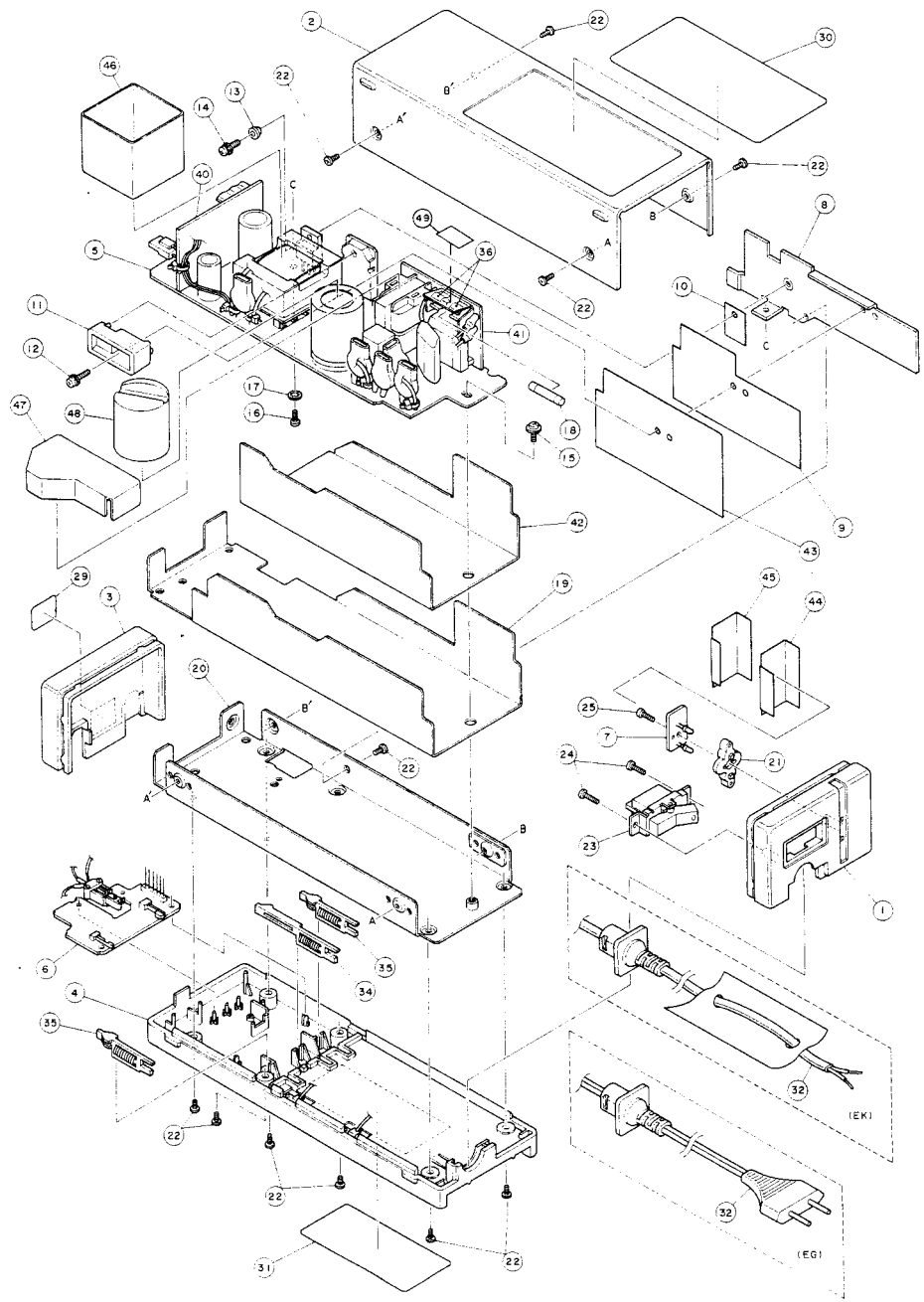
4.1 Packing assembly



– Packing assembly list –

Ref. No.	Part No.	Part Name	Description	Q'ty
1	–	AC Power Adapter Ass'y		1
2	PQ10243-215	DC Cord		1
3	" -001	Cushion		1
4	PU53200-303	Poly Bag		1
5	PQ10243-020	"		1
⚠ 6	PU30425-794	Insturction Book	EG	1
⚠	" -793	"	EK	1
7	BT-20060	Guaranty Card	EK	1
8	BT-20066	"	EK	1
9	PU53200-304	Poly Bag		1
10	PU22173-4	Packing Case	EG	1
	" -3	"	EK	1

4.2 AC power adapter assembly



– AC power adapter assembly list –

Ref. No.	Part No.	Part Name	Description	Q'ty
⚠ 1	PU35881	Front Panel		1
⚠ 2	PU35879	Top Panel		1
⚠ 3	PQ10243-201	Rear Panel		1
⚠ 4	" -202	Battery Holder Ass'y		1
5	–	Main Board Ass'y	Refer to [0 1]	1
6	–	Sub Board Ass'y	Refer to [0 2]	1
7	–	LED Board Ass'y	Refer to [0 3]	1
⚠ 8	PQ10243-203	Heat Sink		1
9	" -204	Insulator (A)	for IC1	1
10	" -006	" (B)	for D8	1
11	" -007	IC Holder	for IC1	1
12	PU53200-201	Screw	for "	1
13	PQ10243-008	Spacer	for D8	1
14	" -009	Screw	for "	1
15	" -217	"	for Main Board	1
16	" -218	"	for Heat Sink and Main Board	1
17	" -010	Washer	for "	1
18	–	Fuse	Refer to [0 4], F 1	1
⚠ 19	PQ10243-205	Insulator Plate (A)		1
⚠ 20	" -012	Shield Plate Ass'y		1
21	" -013	LED Cap	for D16, D17	1
⚠ 22	PU11061-006	Screw		11
⚠ 23	" -065	Power Switch	SW1	1
24	SDSB2608Z	Tapping Screw	for SW1	2
25	SPSB2608Z	"	for LED Board	1
26	–	–		–
27	–	–		–
28	–	–		–
29	PU58520-3	Rear Label		1
⚠ 30	PU35869-4-1	Rating Label	EG	1
⚠	" -5	"	EK	1
⚠ 31	PU35870-1-1	Caution Label		1
⚠ 32	PQ10243-206	AC Cord	EG	1
⚠	" -207	"	EK	1
33	–	–		–
34	PQ10243-015	Switch Terminal Pin (B)		1
35	" -016	" (A)		2
36	–	Fuse Holder	Refer to [04], for F1	2
37	–	–		–
38	–	–		–
39	–	–		–
40	–	Charge Board Ass'y	Refer to [0 5]	1
41	–	Input Board Ass'y	Refer to [0 4]	1
⚠ 42	PQ10243-208	Insulator Plate (B)		1
43	" -209	Sheet		1
44	" -210	Shield Cover (A)	for LED Board	1
45	" -211	" (B)	for "	1
46	" -212	Cover	for T1	1
47	" -213	"	for L3	1
48	" -214	"	for C4	1
⚠ 49	" -216	Fuse Label		1

Note: [2 digits] indicates circuit board symbol number.

SECTION 5
ELECTRICAL PARTS LIST

5.1 Main board assembly [01] PQ10243-340

Symbol No.	Part No.	Part Name	Description
⚠IC 1	STR11006	Integrated Circuit	
IC 2	AN6562	"	
Q 1	2SB793AQ,AR	Transistor	
Q 2	2SD636Q,R	"	
⚠D 1	S2VB60	Diode Bridge	
⚠D 2	RU1P	Diode	
⚠D 3	EH1Z	"	
⚠D 4	EU1Z	"	
⚠D 5-1	"	"	
⚠D 5-2	"	"	
⚠D 6-1	"	"	
⚠D 6-2	"	"	
⚠D 7	MA165	"	
⚠D 8	ESAB85-009	"	
⚠D 9	MA2240-B	Zener Diode	
D10	MA165	Diode	
D11	MA4051M	Zener Diode	
D12	MA165	Diode	
⚠R 2	QRC121J-330	Comp R	
⚠R 3-1	" -434	"	
⚠R 3-2	" -434	"	
⚠R 4	QRG016J-683	OMR	
⚠R 5	QRD141J-221	CR	
⚠R 6	" -100	"	
⚠R 7	" -560	"	
⚠R 8	QRD121J-330	"	
⚠R 9	" -470	"	
⚠R10	QRX026J-R56	MFR	
⚠R11	QRD141J-102	CR	
R12	" -471	"	
R13	" -472	"	
R14	PQ10243-307	VR	500 0.1 W
R15	QRD141J-101	CR	
R16	—	—	
R17	QRX126J-R27	MFR	
R18	QRD141J-122	CR	
R19	" -561	"	
R20-1	" -102	"	
R20-2	" -102	"	
R20-3	" -102	"	
R21	" -222	"	
R22	PQ10243-308	VR	
R23	—	—	
R24	QRD141J-562	CR	
R25	" -563	"	
R26	" -122	"	
R27	" -562	"	
⚠R48	QRD141J-330	CR	
⚠R49	PQ10243-345	FR	2.0 1/4 W

Symbol No.	Part No.	Part Name	Description
⚠C 2	PQ10243-346	C Cap	2200 P
⚠C 3	" -346	"	2200 P
⚠C 4	" -313	E Cap	100 400 V
⚠C 5	" -314	MY Cap	0.1 250 V
⚠C 6	" -315	"	0.047 50 V
C 7	" -315	"	0.047 "
⚠C 8	" -318	"	0.033 "
⚠C 9	" -319	"	0.0047 "
⚠C10	QETB1CM-106	E Cap	
⚠C11	PQ10243-320	MY Cap	0.01 50 V
C12	QETB1CM-107	E Cap	
C13	PQ10243-321	"	1000 25 V
C14	QETB1EM-107	"	
C15	PU54990-5	"	1000 25 V
C16	QETB1EM-106	"	
C17	PQ10243-320	MY Cap	0.01 50 V
C18	QETB1AM-107	E Cap	
C19	PQ10243-320	MY Cap	0.01 50 V
⚠C32	PQ10243-346	C Cap	2200 P
⚠C33	" -346	"	2200 P
⚠C34	" -346	"	2200 P
C35	" -347	MY Cap	1 50 V
L 2	PQ10243-325	Coil	
⚠T 1	PQ10243-348	Switching Trans.	
⚠TF 3	PQ10243-311	Thermal Fuse	
⚠PHC 1	ON3105	Photo Coupler	
CN 1	PQ10243-354	Connector	
	PQ10243-329	DC Jack	
	" -349	Cover	for C2, C3, C32–34
	PU11061-024	"	for Switch Cord

5.2 Sub board assembly [02] PQ10243-341

Symbol No.	Part No.	Part Name	Description
D18	S3S4M	Schottky Diode	
R46	QRX126J-R68	MFR	
R47	" -R39	"	
C30	PQ10243-331	MY Cap	0.1 50 V
SW 2	PQ10243-332	Micro Switch	
SW 3	" -316	Leaf Switch	
SW 4	" -317	"	
CN 1	PQ10243-333	Connector	

5.3 LED board assembly [03] PQ10243-342

Symbol No.	Part No.	Part Name	Description
D16	LN28RP	LED	
D17	"	"	
R45	QRD141J-152	CR	
C29	PQ10243-331	MY Cap	0.1 50 V

5.4 Input board assembly [04] PQ10243-344

Symbol No.	Part No.	Part Name	Description
⚠R 1	QRC121J-334	Comp R	
⚠C 1	QFZ9022-104	MY Cap	
⚠C31	PQ10243-350	MY Cap	0.22
⚠L 1	PQ10243-324	Choke Coil	
⚠L 3	PQ10243-351	Choke Coil	
⚠F 1	QMF51E2-1R0	Fuse	
⚠	PQ10243-330	Fuse Holder	for F1
⚠	" -352	Cover	for "

5.5 Charge board assembly [05] PQ10243-343

Symbol No.	Part No.	Part Name	Description
IC 3	AN6780	Integrated Circuit	
IC 4	BQ-058	"	
Q 3	2SB793AQ,AR	Transistor	
Q 4	"	"	
Q 5	2SD636Q,R	"	
Q 6	"	"	
⚠Q 7	2SD1273P	"	
Q 8	2SD636Q,R	"	
Q 9	"	"	
Q10	"	"	
D13	MA4051M	Zener Diode	
D14	MA165	Diode	
D15	MA4150M	Zener Diode	
R28	QRD141J-471	CR	
R29	QRD121J-181	"	
R30	" -181	"	
⚠R31	PQ10243-309	Ceramister	150 90°C
R32	QRD141J-222	CR	
R33	" -222	"	
R34	" -222	"	
R35	" -222	"	
R36	" -222	"	
R37	" -222	"	
R38	PQ10243-310	VR	1 M 0.1 W
R39	QRD141J-224	CR	
R40	" -104	"	
R41	" -562	"	
R42	" -102	"	
R43	" -222	"	
C21	QETB1CM-106	E Cap	
C22	PQ10243-320	MY Cap	0.01 50 V
C23	QETB1AM-107	E Cap	
C24	QETB1CM-106	"	
C25	QETB1AM-107	"	
C26	PQ10243-322	"	100 16 V
C27	" -323	C Cap	22000 P
C28	PU53200-114	E Cap	1 50 V
⚠TF 4	PQ10243-311	Thermal Fuse	

JVC

SERVICE MANUAL

CARRYING CASE

CB-V2U

No. 8424(2/3)
October 1985

CB-V2 CARRYING CASE

COFFRET DE TRANSPORT
TRAGEKOFFER

This case contains the VideoMovie GR-C2 and its accessories—spare batteries, cassettes, battery charger, remote control, etc. The case has been designed to fit beneath an airplane seat or in the overhead storage rack of a train or bus.

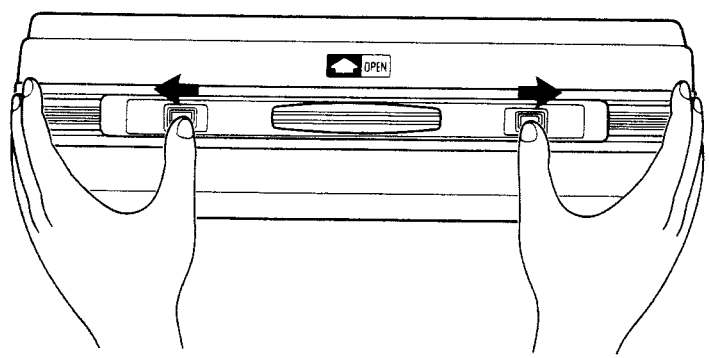
Ce coffret est destiné au VideoMovie GR-C2 et à ses accessoires – batteries de rechange, cassettes, chargeur de batterie, télécommande, etc. Il a été conçu pour aller sous un siège d'avion ou dans le filet d'un train ou d'un autobus.

Dieser Koffer nimmt die VideoMovie GR-C2 und Zubehör – Ersatzbatterien, Kassetten, Batterieladegerät, Fernbedienung etc. – auf. Die Koffer-Außenabmessungen erlauben die Unterbringung unter einem Flugzeugsitz oder in einem Zug-/Bus-Gepäcknetz.

To open: With the center marker ◀OPEN pointing upward, slide the buttons in the direction of the arrows. Do not open the case when it is in a standing position.

Pour l'ouvrir: La marque ◀OPEN tournée vers le haut, faire coulisser les verrous dans la direction des flèches. Ne pas l'ouvrir quand il est placé verticalement.

Öffnen: Bei nach oben weisender ◀OPEN Markierung die Verschlüsse in Pfeilrichtung drücken. Nicht einen hochkant aufgestellten Koffer öffnen.



To close: Close the lid until it clicks.

Do not sit or put anything heavy on this carrying case. The components inside could be damaged.

Pour le fermer: Fermer le couvercle jusqu'à l'obtention d'un déclic.

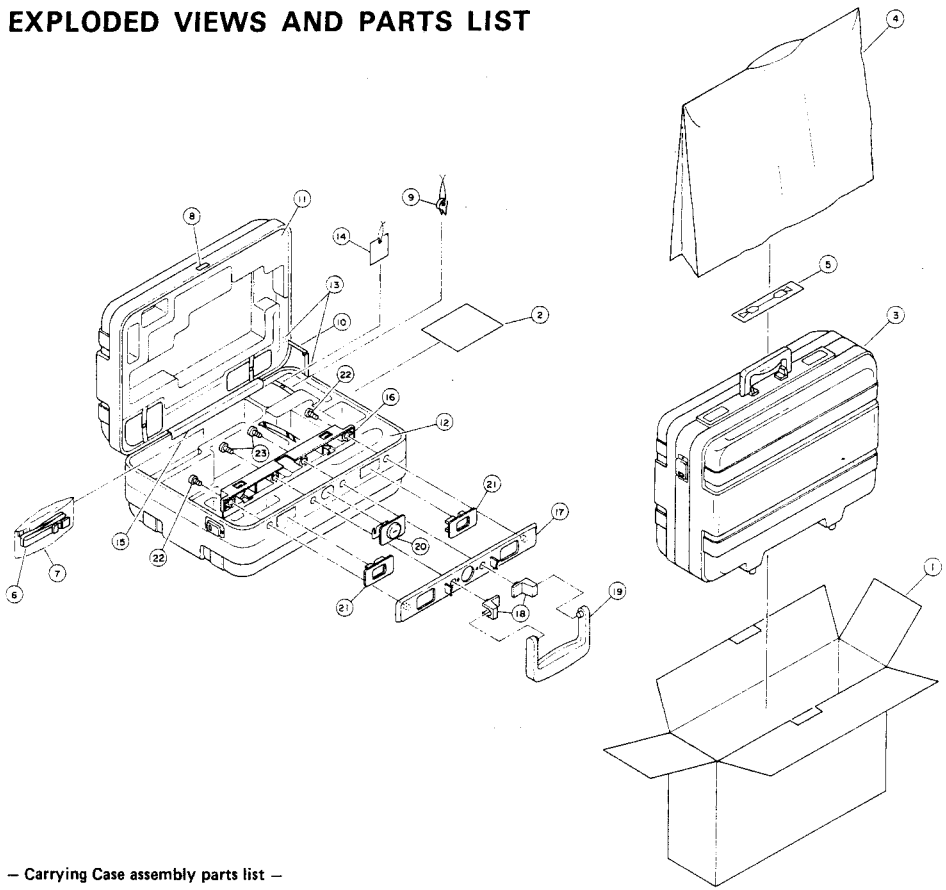
Ne pas s'asseoir ni placer d'objets lourds sur ce coffret car les appareils à l'intérieur risquent d'être endommagés.

Schließen: Den Kofferdeckel andrücken, bis dieser einrastet.

Nicht auf den Koffer setzen und keine schweren Gegenstände auf dem Koffer plazieren. Andernfalls kann der Kofferinhalt beschädigt werden.

PE356R-2

EXPLODED VIEWS AND PARTS LIST

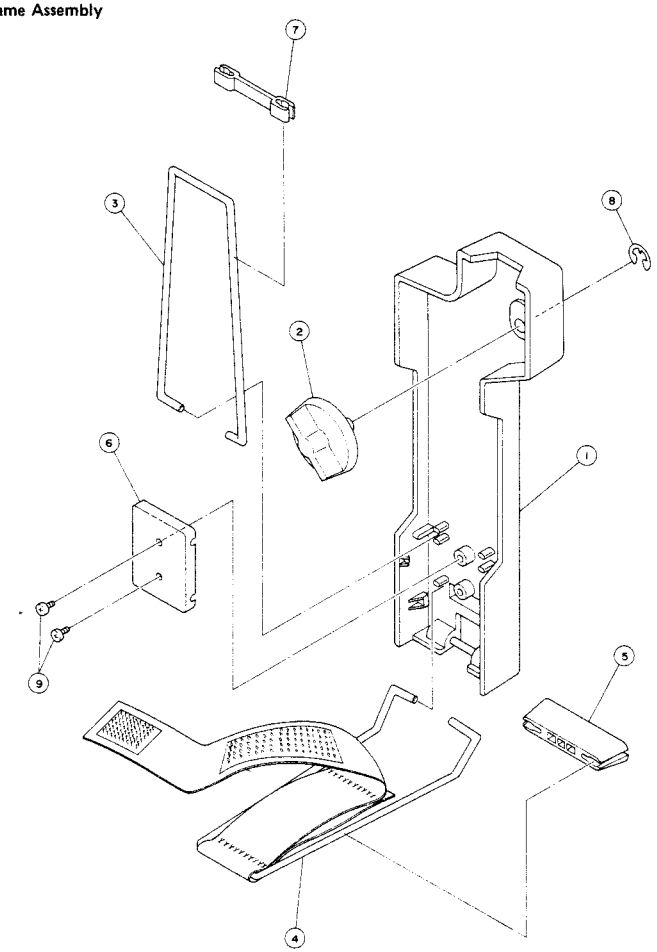


– Carrying Case assembly parts list –

Symbol No.	Part No.	Part Name	Description	Q'ty
1	PU22118-2	Packing Case		1
2	PU35868-2	Caution Sheet		1
3	PU22113-2	Carrying Case		1
4	PU11272-001	Poly Bag	for Carrying Case	1
5	" -002	Sheet		1
6	PU35752	Shoulder Belt		1
7	PU11272-003	Poly Bag	for Shoulder Belt	1
8	PU56939-2	Caution Sticker	"OPEN"	1
9	PU11272-004	Key		2
10	" -005	Stay		1
11	" -006	Cushion Assembly (1)	for Upper Side	1
12	" -007	" (2)	for Lower Side	1
13	" -008	Pin		2
14	PU58354-2-1	Tag		1
15	PU11272-009	Hinge Cover		1
16	" -010	Mold Case Assembly (1)		1
17	" -011	" (2)		1
18	" -012	Handle Holder		2
19	" -013	Handle		1
20	" -014	Lock Assembly		1
21	" -015	Lock Slider		2
22	" -016	Screw	for Case	2
23	" -017	"	for Handle Holder	2

1. EXPLODED VIEWS AND PARTS LIST

1.1 Shoulder Frame Assembly



– Shoulder Frame assembly parts list –

Symbol No.	Part No.	Part Name	Description	Q'ty
1	PU58158-001	Shoulder Base		1
2	" -002	Camera Screw		1
3	" -003	Front Rod		1
4	" -004	Back Rod Assembly		1
5	" -005	Belt Adjuster		1
6	" -006	Plat		1
7	" -007	Belt Stopper		1
8	REE5000R	E-Ring		1
9	SPSG3006M	Tapping Screw		2

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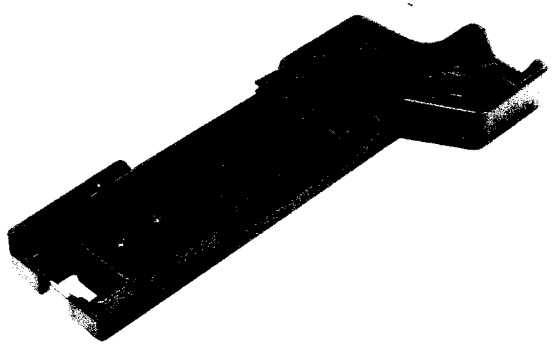
SERVICE MANUAL

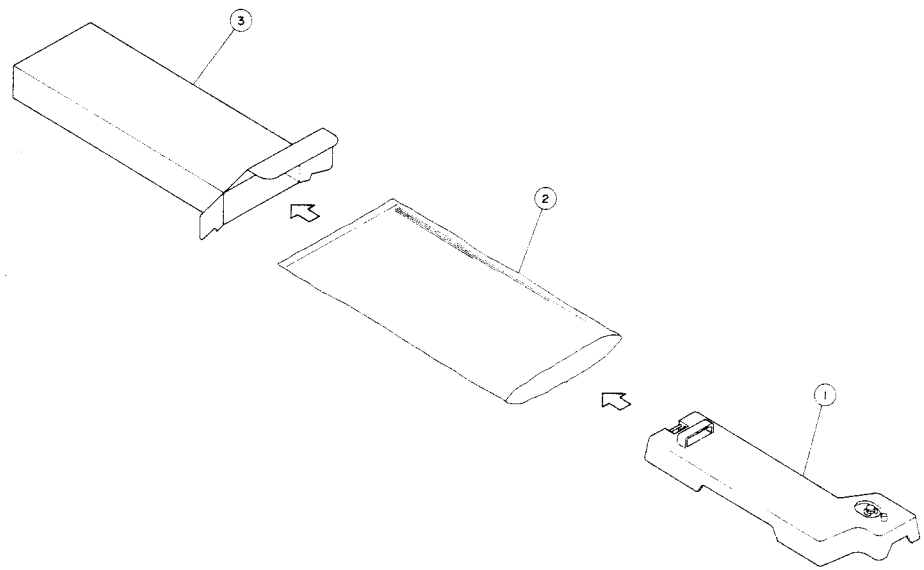
SHOULDER FRAME

KA-V22U



No. 8424(3/3)
October 1985

1.2 Packing Assembly



– Packing assembly parts list –

Symbol No.	Part No.	Part Name	Description	Q'ty
1	–	Shoulder Frame Assembly	Refer to Sect. 1.1	–
2	PU58158-008	Poly Bag		1
3	PU22089-2	Packing Case		1

E. & O. E. No. 8424